

Party: 2903

AGIP S.p.A.

SICILY
ZONE G

SW2635

LINE G82.31A

2057NE

PL N°848

STACK 4800%.DBS.TVF

JAN 21 83

FIELD RECORDING 4800 %
Contractor G.S.I.

SHIP

M/V ARCTIC SEAL

NAVIGATION BY.....STILEDS

SHOOTING DATE.....AUG 28 82

INSTRUMENTS

DTS 35

FORMAT.....9 tracks 1600 BPI

FILTER.....Low 8 Hz., high 128 Hz

SAMPLING.....2 ms

SOURCE

AIRGUN ARRAY.....6 m

DEPTH.....2000 m³

SP INTERVAL.....25 m

STREAMER

LENGTH.....2400 m

DEPTH.....± 16.5 m

GROUPS.....96

GROUP INTERVAL.....25 m

DIGITAL PROCESSING P.5
Sequence in 4 ms

RESAMPLE TO 4 ms

DEMULTIPLY EDIT

TRACE MERGING 5/4 *

TRUE AMPLITUDE RECOVERY

SPHERICAL DIVERGENCE COMPENSATION

AIRGUN DELAY 51 ms

MUTES

DECONVOLUTION

Operator Length 200 ms

Operator F 0-2000 Hz

Windows * 2000-4000 ms

VELOCITY ANALYSIS (ANVIT EVERY 3km) ↓

NMO CORRECTIONS (Linear interpolation between velocity functions)

OFFSET DEPENDENT SCALING → 10

STACK 4800%

SHOT AND STREAMER STATIC +15 ms

TIME VARIANT FILTER

From sea bottom 0 to 60 Hz

First unconformity 10 to 60 Hz

One second after first unconformity 10 to 60 Hz

Two seconds 10 to 60 Hz

Three seconds 10 to 60 Hz

TRACE EQUALIZATION

ANALOG DISPLAY

* TIME ZERO WS

POLARITY

Geophone compression (negative number on field tape)

white trough on display

TIME ORIGIN W.S.I.

Source and streamer static correction applied + 15 ms

HORIZONTAL SCALE

0.5 km

CGG's processing code 127 ME 86

COMPAGNIE GENERALE DE GEOPHYSIQUE

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